

FORM PTO 948 (REV. 01-97)

## U.S. DEPARTMENT OF COMMERCE-Patent and Trademark Office

Application No. 19 53953

# NOTICE OF DRAFTPERSON'S PATENT DRAWING REVIEW

wings whe necessary. Corrected drawings must be submitted according to the	
DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: Black ink. Color.  Color drawing are not acceptable until petition is granted. Fig.(s) Pencil and non black ink is not permitted. Fig(s) PHOTOGRAPHS. 37 CFR 1.84(b) Photographs are not acceptable until petition is granted, 3 full-tone sets are required. Fig(s) Photographs not properly mounted (must brystol board or photographic double-weight paper). Fig(s) Poor quailty (half-tone). Fig(s) TYPE OF PAPER. 37 CFR 1.84(c) Paper not flexible, strong, white and durable. Fig.(s) Erasures, alterations, overwritings, interlineations, folds, copy machine marks not acceptable (too thin) Mylar, vellum paper is not acceptable (too thin). Fig(s)	<ol> <li>SECTIONAL VIEWS. 37 CFR 1.84(h)(3)         — Hatching not indicated for sectional portions of an object.         Fig.(s)         — Sectional designation should be noted with Arabic or         Roman numbers. Fig.(s)         — Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned, so that the top becomes the right side, except for graphs. Fig.(s)         — Views not on the same plane on drawing sheet. Fig.(s)         — Scale not large enough to show mechansim with crowding when drawing is reduced in size to two-thirds in reproduction.         Fig.(s)         — Lines, numbers &amp; letters not uniformly thick and well defined, clean, durable and black (poor line quality).         Fig.(s)         — Fig.(s)         — Fig.(s)         — Lines, numbers &amp; letters not uniformly thick and well defined, clean, durable and black (poor line quality).</li> </ol>
SIZE OF PAPER. 37 CFR 1.84(F): Acceptable sizes:	11. SHADING. 37 CFR 1.84(m)
21.0 cm by 29.7 cm (DIN size A4) 21.6 cm by 27.9 cm (8 1/2 x 11 inches)	Solid black areas pale. Fig.(s)
All drawings sheets not the same size.	Solid black shading not permitted. Fig.(s)
Sheet(s)MARGINS. 37 CFR 18.4(g): Acceptable margins:	Shade lines, pale, rough and blurred. Fig.(s)  12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.  37 CFR 1.48(p)
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size	Numbers and reference characters not plain and legible.
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11	Figure legends are poor. Fig.(s)
Margins not acceptable. Fig(s)	Numbers and reference characters not oriented in the same
Top (T) Left (L)	direction as the view. 37 CFR 1.84(p)(3) Fig.(s)
Right (R) Bottom (B)	Engligh alphabet not used. 37 CFR 1.84(p)(3) Fig.(s)
VIEWS. CFR 1.84(h) REMINDER: Specification may require revision to correspond to drawing changes.	Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig.(s)
Views connected by projection lines or lead lines.	13. LEAD LINES. 37 CFR 1.84(q)  Lead lines cross each other. Fig.(s)
Fig.(s)	Lead lines missing. Fig.(s)
Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity.	14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.48(t)  ————Sheets not numbered consecutively, and in Ababic numerals
Fig.(s)	beginning with number 1. Fig.(s)
Views not labeled separately or properly.	15. NUMBERING OF VIEWS. 37 CFR 1.84(u)
Fig.(s)	Views not numbered consecutively, and in Abrabic numerals,
Enlarged view not labeled separately or properly.  Fig.(s)	beginning with number 1. Fig.(s)
· · · · · · · · · · · · · · · · · · ·	16. CORRECTIONS. 37 CFR 1.84(w)
	Corrections not made from PTO-948 dated
	17. DESIGN DRAWINGS. 37 CFR 1.152 Surface shading shown not appropriate. Fig.(s)
	Solid black shading not used for color contrast.
	Fig.(s)
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#### REMINDER

Drawing changes may also require changes in the specification, e.g., if Fig. I is changed to Fig. IA, Fig. IB, Fig. IC, etc., the specification, at the Brief Description of the Drawings, must likewise be changed. Please make such changes by 37 CFR 1.312 Amendment at the time of submitting drawing changes.

#### INFORMATION ON HOW TO EFFECT DRAWING CHANGES

#### 1. Correction of Informalities--37 CFR 1.85

File new drawings with the changes incorporated therein. The application number or the title of the invention, inventor's name, docket number (if any), and the name and telephone number of a person to call if the Office is unable to match the drawings to the proper application, should be placed on the back of each sheet of drawings in accordance with 37 CFR I .84(c). Applicant may delay filing of the new drawings until receipt of the Notice of Allowability (PTOL-37). Extensions of time may be obtained under the provisions of 37 CFR I .136. The drawing should be filed as a separate paper with a transmittal letter addressed to the Drawing Review Branch.

#### 2. Timing of Corrections

Applicant is required to submit acceptable corrected drawings within the three-month shortened statutory period set in the Notice of Allowability (PTOL-37). If a correction is determined to be unacceptable by the Office, applicant must arrange to have acceptable correction resubmitted within the original three-month period to avoid the necessity of obtaining as extension of time and paying the extension fee. Therefore, applicant should file corrected drawings as soon as possible.

Failure to take corrective action within set (or extended) period will result in ABANDONMENT of the Application.

### 3. Corrections other than Informalities Noted by the Drawing Review Branch on the Form PTO 948

All changes to the drawings, other than informalities noted by the Drawing Review Branch, **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.